



3013 (02-09-04)

ANNUAL REPORT

OF

Name: MADISON WATER UTILITY

Principal Office: 523 EAST MAIN STREET
MADISON, WI 53703-2910

For the Year Ended: DECEMBER 31, 2002

**WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

Year ended: December 31, 2002 Utility No. 3280 - MADISON WATER UTILITY Copy 1 of Page ii

PSCW Annual Report: MAF

TABLE OF CONTENTS

Schedule Name	Page
General Rules for Reporting	i
Signature Page	ii
Table of Contents	iii
Identification and Ownership	iv
 FINANCIAL SECTION	
Income Statement	F-01
Income Statement Account Details	F-02
Income from Merchandising, Jobbing & Contract Work (Accts. 415-416)	F-03
Revenues Subject to Wisconsin Remainder Assessment	F-04
Distribution of Total Payroll	F-05
Balance Sheet	F-06
Net Utility Plant	F-07
Accumulated Provision for Depreciation and Amortization of Utility Plant (Acct. 111)	F-08
Net Nonutility Property (Accts. 121 & 122)	F-09
Accumulated Provision for Uncollectible Accounts-Cr. (Acct. 144)	F-10
Materials and Supplies	F-11
Unamortized Debt Discount & Expense & Premium on Debt (Accts. 181 and 251)	F-12
Capital Paid in by Municipality (Acct. 200)	F-13
Bonds (Accts. 221 and 222)	F-14
Notes Payable & Miscellaneous Long-Term Debt	F-15
Taxes Accrued (Acct. 236)	F-16
Interest Accrued (Acct. 237)	F-17
Contributions in Aid of Construction (Account 271)	F-18
Balance Sheet End-of-Year Account Balances	F-19
Return on Rate Base Computation	F-20
Return on Proprietary Capital Computation	F-21
Important Changes During the Year	F-22
Financial Section Footnotes	F-23
 WATER OPERATING SECTION	
Water Operating Revenues & Expenses	W-01
Water Operating Revenues - Sales of Water	W-02
Sales for Resale (Acct. 466)	W-03
Other Operating Revenues (Water)	W-04
Water Operation & Maintenance Expenses	W-05
Taxes (Acct. 408 - Water)	W-06
Property Tax Equivalent (Water)	W-07
Water Utility Plant in Service	W-08
Accumulated Provision for Depreciation - Water	W-10
Source of Supply, Pumping and Purchased Water Statistics	W-12
Sources of Water Supply - Ground Waters	W-13
Sources of Water Supply - Surface Waters	W-14
Pumping & Power Equipment	W-15
Reservoirs, Standpipes & Water Treatment	W-16
Water Mains	W-17
Water Services	W-18
Meters	W-19
Hydrants and Distribution System Valves	W-20
Water Operating Section Footnotes	W-21

IDENTIFICATION AND OWNERSHIP

Exact Utility Name: MADISON WATER UTILITY**Utility Address:** 523 EAST MAIN STREET
MADISON, WI 53703-2910**When was utility organized?** 7/1/1881**Report any change in name:****Effective Date:****Utility Web Site:** www.madisonwater.org

Utility employee in charge of correspondence concerning this report:

Name: DAVID DENIG-CHAKROFF**Title:** MANAGER**Office Address:**523 E MAIN STREET
MADISON, WI 53703-2910**Telephone:** (608) 266 - 4652**Fax Number:** (608) 266 - 4426**E-mail Address:** ddenigchakroff@ci.madison.wi.us

President, chairman, or head of utility commission/board or committee:

Name: JON STANDRIDGE**Title:** PRESIDENT**Office Address:**1011 EDGEWOOD AVENUE
MADISON, WI 53711**Telephone:** (608) 224 - 6809**Fax Number:** (608) 224 - 6213**E-mail Address:** jhs@mail.slh.wisc.edu

Are records of utility audited by individuals or firms, other than utility employee? YES**Individual or firm, if other than utility employee, auditing utility records:**

Name:**Title:****Office Address:** VIRCHOW, KRAUSE & COMPANY LLPTEN TERRACE COURT
P.O. BOX 7398
MADISON, WI 53707-7398**Telephone:** (608) 249 - 6622**Fax Number:** () -**E-mail Address:****Date of most recent audit report:** 4/23/2002**Period covered by most recent audit:** YEAR 2001

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: DAVID DENIG-CHAKROFF**Title:** MANAGER**Office Address:**523 E MAIN STREET
MADISON, WI 53703-2910**Telephone:** (608) 266 - 4652**Fax Number:** (608) 266 - 4426**E-mail Address:** ddenigchakroff@ci.madison.wi.us

Name: RAY FISHER**Title:** TREASURER**Office Address:**210 MARTIN LUTHER KING JR BLVD
MADISON, WI 53703**Telephone:** (608) 266 - 4545**Fax Number:** () -**E-mail Address:** rfisher@ci.madison.wi.us

Name of utility commission/committee: Board of Water Commissioners

Names of members of utility commission/committee:GREGORY HARRINGTON, VICE PRESIDENT
JEAN MAC CUBBIN, ALDERPERSON, COMMISSIONER
PRISCILLA MATHER, COMMISSIONER
JON STANDRIDGE, PRESIDENT
LARRY STUDESVILLE, SECRETARY

Is sewer service rendered by the utility? NO**If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.0819 of the Wisconsin Statutes?** NO**Date of Ordinance:**

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

Provide the following information regarding the provider(s) of contract services:

IDENTIFICATION AND OWNERSHIP

Firm Name:

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

Contract/Agreement beginning-ending dates:

Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	14,901,418	14,524,192	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	8,438,693	7,803,805	2
Depreciation Expense (403)	2,474,762	2,325,831	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	2,531,778	2,352,445	5
Total Operating Expenses	13,445,233	12,482,081	
Net Operating Income	1,456,185	2,042,111	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	1,456,185	2,042,111	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	(25,278)	(47,858)	7
Income from Nonutility Operations (417)	(1,592)	(1,591)	8
Nonoperating Rental Income (418)	1,425	883	9
Interest and Dividend Income (419)	204,947	495,267	10
Miscellaneous Nonoperating Income (421)	0	0	11
Total Other Income	179,502	446,701	
Total Income	1,635,687	2,488,812	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	0	0	13
Total Miscellaneous Income Deductions	0	0	
Income Before Interest Charges	1,635,687	2,488,812	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	935,515	902,574	14
Amortization of Debt Discount and Expense (428)	48,995	42,970	15
Amortization of Premium on Debt--Cr. (429)			16
Interest on Debt to Municipality (430)	0	0	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)	93,331	62,960	19
Total Interest Charges	891,179	882,584	
Net Income	744,508	1,606,228	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	29,995,523	28,398,565	20
Balance Transferred from Income (433)	744,508	1,606,228	21
Miscellaneous Credits to Surplus (434)	11,420	29,313	22
Miscellaneous Debits to Surplus--Debit (435)	1,534	38,583	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	0	0	25
Total Unappropriated Earned Surplus End of Year (216)	30,749,917	29,995,523	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
DEPRECIATION ON NON-UTILITY PROPERTY	(1,592)	3
Total (Acct. 417):	(1,592)	
Nonoperating Rental Income (418):		
RENTAL ON PROPERTY HELD FOR FUTURE USE	1,425	4
Total (Acct. 418):	1,425	
Interest and Dividend Income (419):		
INTEREST ON ASSESSMENTS	31,821	5
INTEREST ON INVESTMENTS	173,126	6
Total (Acct. 419):	204,947	
Miscellaneous Nonoperating Income (421):		
NONE		7
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		
NONE		8
Total (Acct. 425):	0	
Other Income Deductions (426):		
NONE		9
Total (Acct. 426):	0	
Miscellaneous Credits to Surplus (434):		
CANCEL BALANCE DUE WISCONSIN DEPARTMENT OF TRANSPORTATION	11,420	10
Total (Acct. 434):	11,420	
Miscellaneous Debits to Surplus (435):		
DISPOSED OF NON-UTILITY PROPERTY - 726 E DAYTON STREET	1,534	11
Total (Acct. 435)--Debit:	1,534	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		12
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		
NONE		13
Total (Acct. 439)--Debit:	0	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	2,510				2,510	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll	18,468				18,468	3
Materials	1,074				1,074	4
Taxes	1,357				1,357	5
Other (list by major classes):						
TRANSPORTATION	1,813				1,813	6
TOOLS	453				453	7
OVERHEAD	4,623				4,623	8
Total costs and expenses	27,788	0	0	0	27,788	
Net income (or loss)	(25,278)	0	0	0	(25,278)	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	14,901,418	0	0	0	14,901,418	1
Less: interdepartmental sales	0		0	0	0	2
Less: interdepartmental rents	0	0		0	0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained	8,465				8,465	5
Other Increases or (Decreases)						
to Operating Revenues - Specify:						
NONE					0	6
Revenues subject to Wisconsin Remainder Assessment	14,892,953	0	0	0	14,892,953	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	3,539,373	188,991	3,728,364	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses			0	5
Merchandising and jobbing	18,468		18,468	6
Other nonutility expenses	470,383		470,383	7
Water utility plant accounts	1,215,553	64,915	1,280,468	8
Electric utility plant accounts			0	9
Gas utility plant accounts			0	10
Heating utility plant accounts			0	11
Sewer utility plant accounts			0	12
Accum. prov. for depreciation of water plant	121,314	6,484	127,798	13
Accum. prov. for depreciation of electric plant			0	14
Accum. prov. for depreciation of gas plant			0	15
Accum. prov. for depreciation of heating plant			0	16
Accum. prov. for depreciation of sewer plant			0	17
Clearing accounts	260,390	(260,390)	0	18
All other accounts			0	19
Total Payroll	5,625,481	0	5,625,481	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	131,879,084	120,501,235	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	29,818,422	27,477,270	2
Net Utility Plant	102,060,662	93,023,965	
Utility Plant Acquisition Adjustments (117-118)			3
Other Utility Plant Adjustments (119)			4
Total Net Utility Plant	102,060,662	93,023,965	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	219,285	210,736	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	57,415	52,380	6
Net Nonutility Property	161,870	158,356	
Investment in Municipality (123)	0	0	7
Other Investments (124)	2,162,890	1,782,048	8
Special Funds (125-128)	9,605,540	7,987,793	9
Total Other Property and Investments	11,930,300	9,928,197	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	452,405	756,221	10
Special Deposits (132-134)	0	0	11
Working Funds (135)	6,300	6,300	12
Temporary Cash Investments (136)	0	495,922	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	1,524,650	1,424,232	15
Other Accounts Receivable (143)	2,661,475	2,685,005	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	47,292	55,757	17
Receivables from Municipality (145)	1,333,169	1,498,138	18
Materials and Supplies (151-163)	583,318	593,545	19
Prepayments (165)	17,066	18,908	20
Interest and Dividends Receivable (171)	9,967	13,817	21
Accrued Utility Revenues (173)	3,219,116	2,934,456	22
Miscellaneous Current and Accrued Assets (174)			23
Total Current and Accrued Assets	9,760,174	10,370,787	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	320,709	281,109	24
Other Deferred Debits (182-186)	0	0	25
Total Deferred Debits	320,709	281,109	
Total Assets and Other Debits	124,071,845	113,604,058	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	2,026,957	2,021,752	26
Appropriated Earned Surplus (215)			27
Unappropriated Earned Surplus (216)	30,749,917	29,995,523	28
Total Proprietary Capital	32,776,874	32,017,275	
LONG-TERM DEBT			
Bonds (221-222)	20,310,000	17,420,000	29
Advances from Municipality (223)	0	0	30
Other Long-Term Debt (224)	0	0	31
Total Long-Term Debt	20,310,000	17,420,000	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	32
Accounts Payable (232)	2,040,927	1,404,806	33
Payables to Municipality (233)	7,898,175	6,720,034	34
Customer Deposits (235)			35
Taxes Accrued (236)	0	0	36
Interest Accrued (237)	535,813	422,803	37
Matured Long-Term Debt (239)			38
Matured Interest (240)			39
Tax Collections Payable (241)	2,884	15,999	40
Miscellaneous Current and Accrued Liabilities (242)			41
Total Current and Accrued Liabilities	10,477,799	8,563,642	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)	553,675	586,460	43
Other Deferred Credits (253)	1,331,351	1,266,410	44
Total Deferred Credits	1,885,026	1,852,870	
OPERATING RESERVES			
Property Insurance Reserve (261)			45
Injuries and Damages Reserve (262)			46
Pensions and Benefits Reserve (263)			47
Miscellaneous Operating Reserves (265)			48
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	58,622,146	53,750,271	49
Total Liabilities and Other Credits	124,071,845	113,604,058	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	125,348,055	0	0	0	1
Utility Plant Purchased or Sold (102)					2
Utility Plant in Process of Reclassification (103)					3
Utility Plant Leased to Others (104)					4
Property Held for Future Use (105)	737,296				5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)	5,793,733				7
Total Utility Plant	131,879,084	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	29,818,422	0	0	0	8
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					9
Accumulated Provision for Depreciation of Property Held for Future Use (113)					10
Accumulated Provision for Amortization of Utility Plant in Service (114)					11
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					12
Accumulated Provision for Amortization of Property Held for Future Use (116)					13
Total Accumulated Provision	29,818,422	0	0	0	
Net Utility Plant	102,060,662	0	0	0	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT (ACCT. 111)

Depreciation Accruals (Credits) during the year:

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
Balance first of year	27,477,270				27,477,270	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	2,474,762				2,474,762	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	140,353				140,353	6
Accruals charged other						7
accounts (specify):						8
Clearing Accounts	268,203				268,203	9
Salvage	6,870				6,870	10
Other credits (specify):						11
					0	12
Total credits	2,890,188	0	0	0	2,890,188	13
Debits during year						14
Book cost of plant retired	279,557				279,557	15
Cost of removal	269,479				269,479	16
Other debits (specify):						17
					0	18
Total debits	549,036	0	0	0	549,036	19
Balance End of Year	29,818,422	0	0	0	29,818,422	20
						21
						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
Old Unit Well No. 24	16,827			16,827	2
Sewer Meters	98,024	10,362	2,173	106,213	3
Land	23,950	1,895	1,535	24,310	4
BLOOMING GROVE SANITARY DISTRICT #8	71,935			71,935	5
Total Nonutility Property (121)	210,736	12,257	3,708	219,285	
Less accum. prov. depr. & amort. (122)	52,380	7,208	2,173	57,415	6
Net Nonutility Property	158,356	5,049	1,535	161,870	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	55,757	1
Additions:		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
Total Additions	0	
Deductions:		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others	8,465	6
Total accounts written off	8,465	
Balance end of year	47,292	

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel (151)					0	0	1
Fuel stock expenses (152)					0	0	2
Plant mat. & oper. sup. (154)					0	0	3
Total Electric Utility					<u>0</u>	<u>0</u>	

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility (154)	583,318	593,545	2
Sewer utility (154)		0	3
Heating utility (154)		0	4
Gas utility (154)		0	5
Merchandise (155)		0	6
Other materials & supplies (156)		0	7
Stores expense (163)		0	8
Total Materials and Supplies	<u>583,318</u>	<u>593,545</u>	

UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
1995 Revenue Bonds	4,681	428	18,000	1
1998 Revenue Bonds	6,343	428	43,196	2
1999 REVENUE BONDS	7,999	428	70,647	3
2001-A REVENUE BONDS	7,055	428	76,877	4
2001-B REFUNDING BONDS	18,191	428	28,120	5
2002 REVENUE BONDS	4,725	428	83,869	6
Total			320,709	
Unamortized premium on debt (251)				
NONE				7
Total			0	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	2,021,752	1
Changes during year (explain):		
CORRECTION OF BLOOMING GROVE SANITARY DISTRICT #8 ANNEXATION	5,205	2
Balance end of year	<u>2,026,957</u>	

BONDS (ACCTS. 221 AND 222)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
1995 Mortgage Revenue Bonds	08/01/1995	01/01/2010	5.19%	1,445,000	1
1998 Mortgage Revenue bonds	04/01/1998	01/01/2015	4.99%	2,905,000	2
1999 MORTGAGE REVENUE BONDS	12/01/1999	01/01/2018	5.24%	4,435,000	3
2001-A MORTGAGE REVENUE BONDS	04/01/2001	01/01/2021	4.80%	4,625,000	4
2001-B REFUNDING BONDS	12/01/2001	01/01/2008	3.42%	2,400,000	5
2002 MORTGAGE REVENUE BONDS	05/01/2002	01/01/2022	4.87%	4,500,000	6
Total Bonds (Account 221):				20,310,000	
Total Reacquired Bonds (Account 222)				0	7

Net amount of bonds outstanding December 31: 20,310,000

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)
--	----------------------------------	--	----------------------------------	---

NONE

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Accruals:		
Charged water department expense	2,531,778	2
Charged electric department expense		3
Charged sewer department expense	55,848	4
Other (explain):		
Taxes Capitalized	68,566	5
Total Accruals and other credits	2,656,192	
Taxes paid during year:		
County, state and local taxes	2,360,352	6
Social Security taxes	279,748	7
PSC Remainder Assessment	16,092	8
Other (explain):		
NONE		9
Total payments and other debits	2,656,192	
Balance end of year	0	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
 2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
NONE	0			0	1
2002 REVENUE BONDS		132,275	(4,561)	136,836	2
1995 Revenue Bonds	45,398	83,040	86,917	41,521	3
1998 Revenue Bonds	78,409	149,169	152,994	74,584	4
2001-A REVENUE BONDS	170,239	218,385	279,431	109,193	5
1999 REVENUE BONDS	125,216	241,408	245,920	120,704	6
2001-B REFUNDING BONDS	3,541	111,238	61,804	52,975	7
Subtotal	422,803	935,515	822,505	535,813	
Advances from Municipality (223)					
NONE	0			0	8
Subtotal	0	0	0	0	
Other Long-Term Debt (224)					
NONE	0			0	9
Subtotal	0	0	0	0	
Notes Payable (231)					
Loan from City	0			0	10
Subtotal	0	0	0	0	
Total	422,803	935,515	822,505	535,813	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	53,750,271	0	0	0	0	53,750,271	1
Add credits during year:							
For Services	932,492					932,492	2
For Mains	3,441,519					3,441,519	3
Other (specify):							
FOR HYDRANTS	497,794					497,794	4
FOR METERS	70					70	5
Deduct charges (specify):							
NONE						0	6
Balance End of Year	58,622,146	0	0	0	0	58,622,146	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						0	7

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
WATER MAIN ASSESSMENTS	1,712,890	2
T.I.F. DISTRICT #15 - WILSON STREET	450,000	3
Total (Acct. 124):	2,162,890	
Sinking Funds (125):		
WATERWORKS BOND REDEMPTION	2,145,812	4
PAYMENT IN LIEU OF TAXES	2,055,250	5
WATERWORKS CONSTRUCTION	604,020	6
Total (Acct. 125):	4,805,082	
Depreciation Fund (126):		
DEPRECIATION FUND	1,110,000	7
Total (Acct. 126):	1,110,000	
Other Special Funds (128):		
OPERATION AND MAINTENANCE RESERVE	150,000	8
SPECIAL REDEMPTION RESERVE	2,596,780	9
INVESTED FUNDS - INTEREST EARNED	943,678	10
Total (Acct. 128):	3,690,458	
Interest Special Deposits (132):		
NONE		11
Total (Acct. 132):	0	
Other Special Deposits (134):		
NONE		12
Total (Acct. 134):	0	
Notes Receivable (141):		
NONE		13
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	1,524,650	14
Electric		15
Sewer (Regulated)		16
Other (specify):		
NONE		17
Total (Acct. 142):	1,524,650	

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Other Accounts Receivable (143):		
Sewer (Non-regulated)	2,228,495	18
Merchandising, jobbing and contract work	55	19
Other (specify):		
DEVELOPERS, CONTRACTORS, PLUMBERS	47,211	20
DUE FROM CITY OF MONONA	4,377	21
DAMAGE CLAIMS	22,310	22
DRUM DEPOSITS	5,632	23
CUSTOMER ACCOUNTS RECEIVABLE - STORM WATER	334,744	24
OTHER	6,277	25
DUE FROM TOWN OF BLOOMING GROVE	70	26
DUE FROM TOWN OF MADISON	11,300	27
DUE FROM VILLAGE OF SHOREWOOD HILLS	561	28
DUE FROM VILLAGE OF MAPLE BLUFF	310	29
DUE FROM TOWN OF BURKE	133	30
Total (Acct. 143):	2,661,475	
Receivables from Municipality (145):		
TAX ROLL ITEMS	653,675	31
DUE FROM SEWER UTILITY	517,207	32
WATER MAINS AND SERVICES	96,863	33
DUE FROM STORM WATER UTILITY	25,957	34
DUE FROM CED - REAL ESTATE TAX ESCROW	592	35
DUE FROM CITY ACCOUNTING - PUBLIC UTILITIES BENEFIT FEE REFUND	4,295	36
DUE FROM STREETS DEPT - STREET SPRINKLING	2,846	37
DUE FROM ENGINEERING - SANITARY SEWER FLUSHING	2,868	38
DUE FROM COMPTOLLERS - WATER UTILITY COSTS-ANTENNAS ON TANKS	5,039	39
DUE FROM ENGINEERING DEPT - SEWER PORTION OF NELSON RD CONTRACT	21,278	40
DUE FROM ENGINEERING DEPT - SEWER PORTION OF GRS TRAINING	2,549	41
Total (Acct. 145):	1,333,169	
Prepayments (165):		
PREPAID PSC REMAINDER ASSESSMENT	17,066	42
REFUND OVERPAYMENT		43
Total (Acct. 165):	17,066	
Extraordinary Property Losses (182):		
NONE		44
Total (Acct. 182):		0

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Preliminary Survey and Investigation Charges (183):		
NONE		45
Total (Acct. 183):	0	
Clearing Accounts (184):		
NONE		46
Total (Acct. 184):	0	
Temporary Facilities (185):		
NONE		47
Total (Acct. 185):	0	
Miscellaneous Deferred Debits (186):		
NONE		48
Total (Acct. 186):	0	
Payables to Municipality (233):		
PAYMENT IN LIEU OF TAXES	2,360,352	49
PAYROLL AND BENEFITS	1,154,244	50
CITY SERVICES	506,482	51
CITY ENGINEERING	665,585	52
DUE SEWER UTILITY	2,806,603	53
DUE STORM WATER UTILITY	404,909	54
Total (Acct. 233):	7,898,175	
Other Deferred Credits (253):		
ACCRUED SICK LEAVE	1,331,351	55
Total (Acct. 253):	1,331,351	

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	119,853,871	0	0	0	119,853,871	1
Materials and Supplies	588,431	0	0	0	588,431	2
Other (specify):						
WORKING CAPITAL	2,655,367				2,655,367	3
Less Average:						
Reserve for Depreciation	28,647,846	0	0	0	28,647,846	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	56,186,208	0	0	0	56,186,208	6
Other (specify):						
NONE	0				0	7
Average Net Rate Base	38,263,615	0	0	0	38,263,615	
Net Operating Income	1,456,185	0	0	0	1,456,185	8
Net Operating Income as a percent of						
Average Net Rate Base	3.81%	N/A	N/A	N/A	3.81%	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	2,024,354	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	30,372,720	3
Other (Specify):		
NONE		4
Total Average Proprietary Capital	32,397,074	
Net Income		
Net Income	744,508	5
Percent Return on Proprietary Capital	2.30%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

4. Estimated changes in revenues due to rate changes.

A rate increase of approximately 11% was authorized by the Public Service Commission by order no. 3280-WR-107. This increase became effective for service rendered on and after August 27, 2002.

5. Obligations incurred or assumed, excluding commercial paper.

A \$4,500,000 issue of mortgage revenue bonds dated May 1, 2002 was closed on May 9, 2002.

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

FINANCIAL SECTION FOOTNOTES

Interest Accrued (Acct. 237) (Page F-17)

2002 Revenue Bond sale included Accrued Interest from 5/1/02 to 5/9/02 in the amount of \$4,561.

FINANCIAL SECTION FOOTNOTES

Identification and Ownership - Contacts (Page iv)

9/8/03 email reply;
Dear Ms. Engelke,

Would you please explain why on page F-2 the amount that is reported in Account 418 described as "RENTAL ON PROPERTY HELD FOR FUTURE USE" should in the future more appropriately be reported in Account 472, Rents from Water Property?

In this case we purchased a piece of property that is currently being used to grow corn. This parcel is located in the Town of Middleton and it's value is included in Account 105 Property Held for Future Use. This is the site of a future water tower. As the property itself is in Account 105, it just seemed that the revenue derived from the property go into Account 418.

Thank you,

Robin G Piper
Accountant 3
Madison Water Utility

email 9/3/03:

Dear Mr. Denig-Chakroff:

The Public Service Commission (Commission) staff has completed its analytical review of your utility's 2002 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report. We have no questions only the following comment:

On Page F-2, an amount is reported in Account 418 described as "RENTAL ON PROPERTY HELD FOR FUTURE USE". In the future, this amount is more appropriately reported in Account 472, Rents from Water Property.

In addition, you may receive additional inquiries from our office regarding your annual report during a rate case, construction authorization, or other Commission reviews.

Thank you for your efforts in preparing your 2002 annual report. We are closing the review of your 2002 annual report. . If you have any questions, please feel free to contact me at (608) 266-3768 or by e-mail at elaine.engelke@psc.state.wi.us.

Sincerely,

Elaine Engelke
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

FINANCIAL SECTION FOOTNOTES

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	14,621,104	1
Total Sales of Water	14,621,104	
Other Operating Revenues		
Forfeited Discounts (470)	91,178	2
Miscellaneous Service Revenues (471)	52,042	3
Rents from Water Property (472)	0	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	137,094	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	280,314	
Total Operating Revenues	14,901,418	
Operation and Maintenance Expenses		
Source of Supply Expense (600-617)	50,031	8
Pumping Expenses (620-633)	2,366,483	9
Water Treatment Expenses (640-652)	443,850	10
Transmission and Distribution Expenses (660-678)	3,017,874	11
Customer Accounts Expenses (901-905)	258,609	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	2,301,846	14
Total Operation and Maintenance Expenses	8,438,693	
Other Operating Expenses		
Depreciation Expense (403)	2,474,762	15
Amortization Expense (404-407)		16
Taxes (408)	2,531,778	17
Total Other Operating Expenses	5,006,540	
Total Operating Expenses	13,445,233	
NET OPERATING INCOME	1,456,185	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Account 460, Unmetered Sales to General Customers - Gallons of Water Sold should not include in any way quantity of water, i.e. metered, or measured by tank or pool volume. The quantity should be estimated based on size of pipe, flow, foot of frontage, etc. Bulk water sales should be Account 460 if the quantity is estimated and should be Account 461 if metered or measured by volume. Water related to construction should be a measured sale of water (either Account 461 or Account 464).
5. Other accounts: see application Help files for details.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial	204	26,457	40,660	2
Industrial				3
Total Unmetered Sales to General Customers (460)	204	26,457	40,660	
Metered Sales to General Customers (461)				
Residential	50,838	3,506,792	5,874,088	4
Commercial	8,485	4,126,113	4,392,086	5
Industrial	71	731,384	586,616	6
Total Metered Sales to General Customers (461)	59,394	8,364,289	10,852,790	
Private Fire Protection Service (462)	1,306		210,496	7
Public Fire Protection Service (463)	5		1,627,269	8
Other Sales to Public Authorities (464)	446	2,069,420	1,723,371	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)	4	176,020	166,518	11
Interdepartmental Sales (467)				12
Total Sales of Water	61,359	10,636,186	14,621,104	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)	
Fitchburg Utility District No 1	1 Meter Pit	1,970	2,546	1
Village of Maple Bluff	4 Meter Pits	63,811	62,048	2
Village of Shorewood Hills	4 Meter Pits	64,293	59,457	3
Waunona Sanitary District No. 2	2 Meter Pits	45,946	42,467	4
Total		176,020	166,518	

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1 or Fd-1)	1,593,729	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)	33,540	3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	1,627,269	
Forfeited Discounts (470):		
Customer late payment charges	91,178	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	91,178	
Miscellaneous Service Revenues (471):		
WATER FOR CONSTRUCTION	51,226	7
MISCELLANEOUS WATER REVENUE	816	8
Total Miscellaneous Service Revenues (471)	52,042	
Rents from Water Property (472):		
NONE		9
Total Rents from Water Property (472)	0	
Interdepartmental Rents (473):		
NONE		10
Total Interdepartmental Rents (473)	0	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	137,094	11
Other (specify):		
NONE		12
Total Other Water Revenues (474)	137,094	
Amortization of Construction Grants (475):		
NONE		13
Total Amortization of Construction Grants (475)	0	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)		2
Purchased Water (602)		3
Miscellaneous Expenses (603)		4
Rents (604)		5
Maintenance Supervision and Engineering (610)	16,127	6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)	30,275	8
Maintenance of Lake, River and Other Intakes (613)		9
Maintenance of Wells and Springs (614)	3,629	10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
Total Source of Supply Expenses	50,031	
PUMPING EXPENSES		
Operation Supervision and Engineering (620)	70,324	14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	1,347,170	17
Pumping Labor and Expenses (624)	232,855	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	394,704	20
Rents (627)		21
Maintenance Supervision and Engineering (630)	48,402	22
Maintenance of Structures and Improvements (631)	54,883	23
Maintenance of Power Production Equipment (632)		24
Maintenance of Pumping Equipment (633)	218,145	25
Total Pumping Expenses	2,366,483	
WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	70,220	26
Chemicals (641)	73,418	27

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
WATER TREATMENT EXPENSES		
Operation Labor and Expenses (642)	268,601	28
Miscellaneous Expenses (643)	3,750	29
Rents (644)		30
Maintenance Supervision and Engineering (650)	9,762	31
Maintenance of Structures and Improvements (651)		32
Maintenance of Water Treatment Equipment (652)	18,099	33
Total Water Treatment Expenses	443,850	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	106,942	34
Storage Facilities Expenses (661)	58,788	35
Transmission and Distribution Lines Expenses (662)	92,717	36
Meter Expenses (663)	49,698	37
Customer Installations Expenses (664)	102,903	38
Miscellaneous Expenses (665)	528,097	39
Rents (666)		40
Maintenance Supervision and Engineering (670)		41
Maintenance of Structures and Improvements (671)		42
Maintenance of Distribution Reservoirs and Standpipes (672)	428,319	43
Maintenance of Transmission and Distribution Mains (673)	812,806	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	546,338	46
Maintenance of Meters (676)	96,037	47
Maintenance of Hydrants (677)	195,229	48
Maintenance of Miscellaneous Plant (678)		49
Total Transmission and Distribution Expenses	3,017,874	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	14,454	50
Meter Reading Labor (902)	91,909	51
Customer Records and Collection Expenses (903)	152,246	52
Uncollectible Accounts (904)		53

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)		54
Total Customer Accounts Expenses	258,609	
SALES EXPENSES		
Sales Expenses (910)		55
Total Sales Expenses	0	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	696,483	56
Office Supplies and Expenses (921)	161,658	57
Administrative Expenses Transferred--Credit (922)		58
Outside Services Employed (923)	27,261	59
Property Insurance (924)	16,778	60
Injuries and Damages (925)	321,835	61
Employee Pensions and Benefits (926)	996,111	62
Regulatory Commission Expenses (928)	13,582	63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	65,777	65
Rents (931)		66
Maintenance of General Plant (932)	2,361	67
Total Administrative and General Expenses	2,301,846	
Total Operation and Maintenance Expenses	8,438,693	

TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.
--

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		2,360,352	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		55,848	2
Net property tax equivalent		2,304,504	
Social Security		279,748	3
PSC Remainder Assessment		16,092	4
Other (specify): TAXES CAPITALIZED		(68,566)	5
Total tax expense		2,531,778	

PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Dane				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.206300				3
County tax rate	mills		2.869000				4
Local tax rate	mills		8.300000				5
School tax rate	mills		12.351200				6
Voc. school tax rate	mills		1.441700				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		25.168200				10
Less: state credit	mills		1.708600				11
Net tax rate	mills		23.459600				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		8.300000				14
Combined School Tax Rate	mills		13.792900				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		22.092900				17
Total Tax Rate	mills		25.168200				18
Ratio of Local and School Tax to Total	dec.		0.877810				19
Total tax net of state credit	mills		23.459600				20
Net Local and School Tax Rate	mills		20.593074				21
Utility Plant, Jan. 1	\$	120,501,235	120,501,235				22
Materials & Supplies	\$	593,545	593,545				23
Subtotal	\$	121,094,780	121,094,780				24
Less: Plant Outside Limits	\$	3,024,746	3,024,746				25
Taxable Assets	\$	118,070,034	118,070,034				26
Assessment Ratio	dec.		0.970769				27
Assessed Value	\$	114,618,729	114,618,729				28
Net Local & School Rate	mills		20.593074				29
Tax Equiv. Computed for Current Year	\$	2,360,352	2,360,352				30
Tax Equivalent per 1994 PSC Report	\$	2,077,440					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32
Tax equiv. for current year (see note 6)	\$	2,360,352					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	0	0	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	335,467	45,930	4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	3,918,475	458,731	6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	1,707,811	592,664	8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	0		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	5,961,753	1,097,325	
PUMPING PLANT			
Land and Land Rights (320)	414		12
Structures and Improvements (321)	3,180,001	396,252	13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	3,205,609	428,463	17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	15,559		20
Total Pumping Plant	6,401,583	824,715	
WATER TREATMENT PLANT			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	0		22
Water Treatment Equipment (332)	181,030	67,378	23
Total Water Treatment Plant	181,030	67,378	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	165,904		24
Structures and Improvements (341)	0		25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
Total Intangible Plant	0	0	0	
SOURCE OF SUPPLY PLANT				
Land and Land Rights (310)		(1,895)	379,502	4
Structures and Improvements (311)			0	5
Collecting and Impounding Reservoirs (312)			4,377,206	6
Lake, River and Other Intakes (313)			0	7
Wells and Springs (314)			2,300,475	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			0	10
Other Water Source Plant (317)			0	11
Total Source of Supply Plant	0	(1,895)	7,057,183	
PUMPING PLANT				
Land and Land Rights (320)			414	12
Structures and Improvements (321)			3,576,253	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			0	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)	38,852		3,595,220	17
Diesel Pumping Equipment (326)			0	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			15,559	20
Total Pumping Plant	38,852	0	7,187,446	
WATER TREATMENT PLANT				
Land and Land Rights (330)			0	21
Structures and Improvements (331)			0	22
Water Treatment Equipment (332)	8,265		240,143	23
Total Water Treatment Plant	8,265	0	240,143	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			165,904	24
Structures and Improvements (341)			0	25

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	2,659,979	27,640	26
Transmission and Distribution Mains (343)	56,973,562	5,499,450	27
Fire Mains (344)	0		28
Services (345)	19,935,007	2,194,654	29
Meters (346)	4,971,834	409,730	30
Hydrants (348)	6,692,054	751,186	31
Other Transmission and Distribution Plant (349)	0		32
Total Transmission and Distribution Plant	91,398,340	8,882,660	
GENERAL PLANT			
Land and Land Rights (389)	1,445,510		33
Structures and Improvements (390)	3,411,207	4,280	34
Office Furniture and Equipment (391)	84,001		35
Computer Equipment (391.1)	1,465,953	29,037	36
Transportation Equipment (392)	2,000,155	25,529	37
Stores Equipment (393)	47,255		38
Tools, Shop and Garage Equipment (394)	507,256	13,121	39
Laboratory Equipment (395)	9,200		40
Power Operated Equipment (396)	887,486	257,055	41
Communication Equipment (397)	149,859		42
SCADA Equipment (397.1)	409,100	68,719	43
Miscellaneous Equipment (398)	0		44
Other Tangible Property (399)	0		45
Total General Plant	10,416,982	397,741	
Total utility plant in service directly assignable	114,359,688	11,269,819	
Common Utility Plant Allocated to Water Department	0		46
Total utility plant in service	114,359,688	11,269,819	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)			2,687,619	26
Transmission and Distribution Mains (343)	46,965		62,426,047	27
Fire Mains (344)			0	28
Services (345)	19,413		22,110,248	29
Meters (346)	137,857		5,243,707	30
Hydrants (348)	9,123		7,434,117	31
Other Transmission and Distribution Plant (349)			0	32
Total Transmission and Distribution Plant	213,358	0	100,067,642	
GENERAL PLANT				
Land and Land Rights (389)			1,445,510	33
Structures and Improvements (390)	1,770		3,413,717	34
Office Furniture and Equipment (391)			84,001	35
Computer Equipment (391.1)			1,494,990	36
Transportation Equipment (392)			2,025,684	37
Stores Equipment (393)			47,255	38
Tools, Shop and Garage Equipment (394)	17,312		503,065	39
Laboratory Equipment (395)			9,200	40
Power Operated Equipment (396)			1,144,541	41
Communication Equipment (397)			149,859	42
SCADA Equipment (397.1)			477,819	43
Miscellaneous Equipment (398)			0	44
Other Tangible Property (399)			0	45
Total General Plant	19,082	0	10,795,641	
Total utility plant in service directly assignable	279,557	(1,895)	125,348,055	
Common Utility Plant Allocated to Water Department			0	46
Total utility plant in service	279,557	(1,895)	125,348,055	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
SOURCE OF SUPPLY PLANT				
Structures and Improvements (311)	0			1
Collecting and Impounding Reservoirs (312)	1,899,652	1.70%	70,513	2
Lake, River and Other Intakes (313)	0			3
Wells and Springs (314)	943,790	2.90%	58,120	4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	0			6
Other Water Source Plant (317)	0			7
Total Source of Supply Plant	2,843,442		128,633	
PUMPING PLANT				
Structures and Improvements (321)	1,300,386	3.20%	108,100	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	0			10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	2,215,121	4.40%	149,618	12
Diesel Pumping Equipment (326)	0			13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	15,559	4.40%		15
Total Pumping Plant	3,531,066		257,718	
WATER TREATMENT PLANT				
Structures and Improvements (331)	0			16
Water Treatment Equipment (332)	39,155	6.00%	12,635	17
Total Water Treatment Plant	39,155		12,635	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)	0			18
Distribution Reservoirs and Standpipes (342)	790,261	1.90%	50,802	19
Transmission and Distribution Mains (343)	7,733,169	1.30%	776,097	20
Fire Mains (344)	0			21
Services (345)	4,443,158	2.90%	609,656	22
Meters (346)	1,591,093	5.50%	280,706	23
Hydrants (348)	1,371,470	2.20%	155,388	24
Other Transmission and Distribution Plant (349)	0			25
Total Transmission and Distribution Plant	15,929,151		1,872,649	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					0	1
312					1,970,165	2
313					0	3
314					1,001,910	4
315					0	5
316					0	6
317					0	7
	0	0	0	0	2,972,075	
321					1,408,486	8
322					0	9
323					0	10
324					0	11
325	38,852	26,353			2,299,534	12
326					0	13
327					0	14
328					15,559	15
	38,852	26,353	0	0	3,723,579	
331					0	16
332	8,265				43,525	17
	8,265	0	0	0	43,525	
341					0	18
342					841,063	19
343	46,965	62,204	671		8,400,768	20
344					0	21
345	19,413	172,200	840		4,862,041	22
346	137,857		5,058		1,739,000	23
348	9,123	8,722	331		1,509,344	24
349					0	25
	213,358	243,126	6,900	0	17,352,216	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
GENERAL PLANT				
Structures and Improvements (390)	1,796,118	2.90%	98,961	26
Office Furniture and Equipment (391)	37,730	5.80%	4,872	27
Computer Equipment (391.1)	1,316,341	15.00%	178,679	28
Transportation Equipment (392)	761,166	12.00%	163,228	29
Stores Equipment (393)	28,200	5.80%	2,741	30
Tools, Shop and Garage Equipment (394)	297,299	5.80%	29,299	31
Laboratory Equipment (395)	8,898	5.80%	301	32
Power Operated Equipment (396)	514,089	12.00%	72,935	33
Communication Equipment (397)	129,990	15.00%	19,869	34
SCADA Equipment (397.1)	244,625	9.20%	40,798	35
Miscellaneous Equipment (398)	0			36
Other Tangible Property (399)	0			37
Total General Plant	5,134,456		611,683	
Total accum. prov. directly assignable	27,477,270		2,883,318	
 Common Utility Plant Allocated to Water Department	 0			 38
 Total accum. prov. for depreciation	 27,477,270		 2,883,318	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
390	1,770				1,893,309	26
391					42,602	27
391.1			(30)		1,494,990	28
392					924,394	29
393					30,941	30
394	17,312				309,286	31
395					9,199	32
396					587,024	33
397					149,859	34
397.1					285,423	35
398					0	36
399					0	37
	19,082	0	(30)	0	5,727,027	
	279,557	269,479	6,870	0	29,818,422	
					0	38
	279,557	269,479	6,870	0	29,818,422	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Expanded definitions of the three types of accounted-for water reported on this schedule are included in the schedule Help and in the Reference Manual Schedule Reference Sheet.

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January			913,988	913,988	1
February			832,834	832,834	2
March			914,553	914,553	3
April			939,405	939,405	4
May			999,191	999,191	5
June			1,042,335	1,042,335	6
July			1,365,686	1,365,686	7
August			1,165,507	1,165,507	8
September			1,083,580	1,083,580	9
October			964,673	964,673	10
November			870,648	870,648	11
December			876,263	876,263	12
Total annual pumpage	0	0	11,968,663	11,968,663	
Less: Water sold				10,636,186	13
Volume pumped but not sold				1,332,477	14
Volume sold as a percent of volume pumped				89%	15
Volume used for water production, water quality and system maintenance				97,391	16
Volume related to equipment/system malfunction					17
Non-utility volume NOT included in water sales					18
Total volume not sold but accounted for				97,391	19
Volume pumped but unaccounted for				1,235,086	20
Percent of water lost				10%	21
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					22
Maximum gallons pumped by all methods in any one day during reporting year (000 gal.)				53,272	23
Date of maximum: 7/16/2002					24
Cause of maximum:					25
Sprinkling and Air Conditioning					
Minimum gallons pumped by all methods in any one day during reporting year (000 gal.)				23,605	26
Date of minimum: 12/25/2002					27
Total KWH used for pumping for the year				23,346,727	28
If water is purchased: Vendor Name:					29
Point of Delivery:					30

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
212 N FIRST ST	03	753	15	2,592,000	Yes	1
1520 MOORLAND RD	05	828	12	2,016,000	Yes	2
2757 UNIVERSITY AVE	06	750	22	3,168,000	Yes	3
1709 N SHERMAN AVE	07	737	16	3,168,000	Yes	4
3206 LAKELAND AVE	08	774	16	2,592,000	Yes	5
4724 SPAANEM AVE	09	843	16	2,448,000	Yes	6
4251 MOHAWK DR	10	1,000	16	3,168,000	Yes	7
102 DEMPSEY RD	11	756	22	3,168,000	Yes	8
801 S WHITNEY WAY	12	986	22	3,456,000	Yes	9
1201 WHEELER RD	13	780	22	3,312,000	Yes	10
5130 UNIVERSITY AVE	14	715	22	3,456,000	Yes	11
3900 E WASHINGTON AVE	15	753	22	3,168,000	Yes	12
6706 MINERAL POINT RD	16	1,004	22	3,456,000	Yes	13
201 S HANCOCK ST	17	800	23	3,312,000	Yes	14
1925 S PARK ST	18	808	29	3,168,000	Yes	15
1525 LAKE MENDOTA DR	19	718	29	2,880,000	Yes	16
2829 PRAIRIE RD	20	1,009	29	3,168,000	Yes	17
1109 PFLAUM RD	22	457	16	790,000	Yes	18
4502 LEO DR	23	500	12	1,728,000	Yes	19
101 N LIVINGSTON ST	24	733	29	2,592,000	Yes	20
5415 QUEENSBRIDGE RD	25	830	29	3,168,000	Yes	21
910 HIGH POINT RD	26	1,175	29	3,168,000	Yes	22
18 N RANDALL AVE	27	744	29	3,168,000	Yes	23
8210 OLD SAUK ROAD	28	882	29	3,168,000	Yes	24

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes			
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)
NONE				

1

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	030-159-481	031-DC515233	050-87150L	1
Location	UNIT WELL 3	UNIT WELL 3	UNIT WELL 5	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	AMERICAN	C-D	L-BOW	5
Year Installed	1998	1982	1979	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	1,700	1,800	1,120	8
Pump Motor or Standby Engine Mfr	U.S.	F-M	G.E.	10
Year Installed	1968	1955	1976	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	150	125	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	051-DGA 3A2	060-C-22554	061-39692	14
Location	UNIT WELL 5	UNIT WELL 6	UNIT WELL 6	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	F-M	L-BOW	F-M	18
Year Installed	1966	1984	1956	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	872	2,300	2,100	21
Pump Motor or Standby Engine Mfr	L.A.	U.S.	F-M	23
Year Installed	1966	1956	1956	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	100	200	150	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	070-MF404190	071-410469	080-59731A	1
Location	UNIT WELL 7	UNIT WELL 7	UNIT WELL 8	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	GOULDS	F-M	AMERICAN	5
Year Installed	1998	1942	2000	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	2,320	1,452	1,700	8
Pump Motor or Standby Engine Mfr	U.S.	F-M	U.S.	10
Year Installed	1955	1955	2000	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	200	150	125	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	081-603866	090-2626067	091-80187	14
Location	UNIT WELL 8	UNIT WELL 9	UNIT WELL 9	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	F-M	PEER	A.W.W.	18
Year Installed	1948	1995	1956	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	1,303	1,750	2,000	21
Pump Motor or Standby Engine Mfr	F-M	G.E.	U.S.	23
Year Installed	1948	1952	1956	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	150	100	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	100-34886A	101-120950	110-	1
Location	UNIT WELL 10	UNIT WELL 10	UNIT WELL 11	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	L-BOW	PEER	GOULDS	5
Year Installed	1979	1957	2000	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	2,150	1,762	2,200	8
Pump Motor or Standby Engine Mfr	G.E.	L.A.	A-C	10
Year Installed	1957	1957	1981	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	200	100	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	111-DC-516852	120-335827	121-65433	14
Location	UNIT WELL 11	UNIT WELL 12	UNIT WELL 12	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	C-D	L-BOW	A-C	18
Year Installed	1984	1963	1959	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	2,100	2,350	2,025	21
Pump Motor or Standby Engine Mfr	F-M	WEST	A-C	23
Year Installed	1958	1959	1959	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	250	150	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	130-7077	131-A-6-38549	140-96-09969	1
Location	UNIT WELL 13	UNIT WELL 13	UNIT WELL 14	2
Purpose	P	B	P	3
Destination	R	D	R	4
Pump Manufacturer	AMERICAN	C.H.W	L-NW	5
Year Installed	1990	1960	1996	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	2,035	2,098	2,400	8
Pump Motor or Standby Engine Mfr	WEST	E-D	U.S.	10
Year Installed	1959	1960	1980	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	200	50	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	141-SAG-43852	150-53920A	151-53921	14
Location	UNIT WELL 14	UNIT WELL 15	UNIT WELL 15	15
Purpose	B	P	B	16
Destination	D	R	D	17
Pump Manufacturer	C.H.W.	L-NW	L-NW	18
Year Installed	1962	1980	1966	19
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	20
Actual Capacity (gpm)	1,801	2,200	2,472	21
Pump Motor or Standby Engine Mfr	E-D	G.E.	G.E.	23
Year Installed	1962	1968	1966	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	125	160	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	160-58734	161-58735	162-58736	1
Location	UNIT WELL 16	UNIT WELL 16	UNIT WELL 16	2
Purpose	P	B	B	3
Destination	R	D	D	4
Pump Manufacturer	AMERICAN	L-NW	L-NW	5
Year Installed	2001	1968	1968	6
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,250	1,650	2,150	8
Pump Motor or Standby Engine Mfr	G.E.	G.E.	G.E.	10
Year Installed	1968	1968	1968	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	250	100	125	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	170-409263	171-319294	172-319295	14
Location	UNIT WELL 17	UNIT WELL 17	UNIT WELL 17	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	GOULDS	PEER	PEER	18
Year Installed	1999	1968	1968	19
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	2,300	1,250	2,175	21
Pump Motor or Standby Engine Mfr	G.E.	L.A.	L.A.	23
Year Installed	1968	1968	1968	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	150	200	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	180-98-10089	181-83-2877	182-69-13369	1
Location	UNIT WELL 18	UNIT WELL 18	UNIT WELL 18	2
Purpose	P	B	B	3
Destination	R	D	D	4
Pump Manufacturer	L-BOW	A.P.	A.P.	5
Year Installed	1996	1984	1971	6
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	2,200	1,800	2,050	8
Pump Motor or Standby Engine Mfr	G.E.	REL.	REL.	10
Year Installed	1971	1971	1971	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	200	125	150	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	190-10588	191-731-07982-1-1	192-731-07982-3-1	14
Location	UNIT WELL 19	UNIT WELL 19	UNIT WELL 19	15
Purpose	P	B	B	16
Destination	R	D	D	17
Pump Manufacturer	GOULDS	A-C	A-C	18
Year Installed	2000	1974	1974	19
Type	VERTICAL TURBINE	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	2,000	1,400	2,100	21
Pump Motor or Standby Engine Mfr	U.S.	A-C	A-C	23
Year Installed	1974	1974	1974	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	125	150	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	193-731-07982-3-2	200-73923	201-76902	1
Location	UNIT WELL 19	UNIT WELL 20	UNIT WELL 20	2
Purpose	B	P	B	3
Destination	D	R	D	4
Pump Manufacturer	A-C	AMERICAN	A.W.W.	5
Year Installed	1974	1992	1976	6
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	7
Actual Capacity (gpm)	2,100	200	1,200	8
Pump Motor or Standby Engine Mfr	A-C	G.E.	F-M	9
Year Installed	1974	1973	1976	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	150	300	50	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	202-524190	220-36193	230-385340	14
Location	UNIT WELL 20	UNIT WELL 22	UNIT WELL 23	15
Purpose	B	P	P	16
Destination	D	D	R	17
Pump Manufacturer	C-D	L-NW	GOULDS	18
Year Installed	1999	1962	2000	19
Type	CENTRIFUGAL	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,300	550	1,200	21
Pump Motor or Standby Engine Mfr	U.S.	A-C	U.S.	22
Year Installed	1999	1962	1977	23
Type	ELECTRIC	ELECTRIC	ELECTRIC	24
Horsepower	50	75	60	25

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	231-40171	240-	241-751661	1
Location	UNIT WELL 23	UNIT WELL 24	UNIT WELL 24	2
Purpose	B	P	B	3
Destination	D	R	D	4
Pump Manufacturer	L-NW	GOULDS	F-M	5
Year Installed	1962	2002	1952	6
Type	CENTRIFUGAL	VERTICAL TURBINE	CENTRIFUGAL	7
Actual Capacity (gpm)	1,050	2,100	1,225	8
Pump Motor or Standby Engine Mfr	U.S.	U.S.	F-M	10
Year Installed	1962	1980	1952	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	60	150	100	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	242-756189	243-25795	250-2622456	14
Location	UNIT WELL 24	UNIT WELL 24	UNIT WELL 25	15
Purpose	B	B	P	16
Destination	D	D	R	17
Pump Manufacturer	F-M	A-C	PEER	18
Year Installed	1952	1975	1983	19
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	20
Actual Capacity (gpm)	2,025	3,000	2,160	21
Pump Motor or Standby Engine Mfr	F-M	F-M	G.E.	23
Year Installed	1952	1975	1983	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	150	200	200	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	251-52870	252-53282	260-109059-L	1
Location	UNIT WELL 25	UNIT WELL 25	UNIT WELL 26	2
Purpose	B	B	P	3
Destination	D	D	R	4
Pump Manufacturer	WORTH	WORTH	L-NW	5
Year Installed	1983	1983	1989	6
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	1,525	2,250	2,125	8
Pump Motor or Standby Engine Mfr	U.S.	U.S.	U.S.	10
Year Installed	1983	1983	1988	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	75	125	350	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	261-	262-	270-L16237L	14
Location	UNIT WELL 26	UNIT WELL 26	UNIT WELL 27	15
Purpose	B	B	P	16
Destination	D	D	R	17
Pump Manufacturer	WORTH	WORTH	AMERICAN	18
Year Installed	1988	1988	1998	19
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	20
Actual Capacity (gpm)	1,000	2,000	2,200	21
Pump Motor or Standby Engine Mfr	U.S.	U.S.	G.E.	23
Year Installed	1988	1988	1992	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	50	100	200	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	271-	272-	280-	1
Location	UNIT WELL 27	UNIT WELL 27	UNIT WELL 28	2
Purpose	B	B	P	3
Destination	D	D	R	4
Pump Manufacturer	AURORA	C-D	GOULDS	5
Year Installed	1992	1992	2002	6
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	1,500	2,100	2,100	8
Pump Motor or Standby Engine Mfr	U.S.	U.S.	U.S.	10
Year Installed	1992	1992	2002	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	125	150	250	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	281-	282-		14
Location	UNIT WELL 28	UNIT WELL 28		15
Purpose	B	B		16
Destination	D	D		17
Pump Manufacturer	C-D	C-D		18
Year Installed	2002	2002		19
Type	CENTRIFUGAL	CENTRIFUGAL		20
Actual Capacity (gpm)	1,400	2,100		21
Pump Motor or Standby Engine Mfr	U.S.	U.S.		23
Year Installed	2002	2002		24
Type	ELECTRIC	ELECTRIC		25
Horsepower	125	150		26

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	ALLIS HEIGHTS	HIGH CROSSING	HIGH SERVICE	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	S	ET	R	4
Year constructed	1951	1994	1926	5
				6
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	CONCRETE	7
				8
Elevation difference in feet (See Headnote 3.)	200	275	211	9
				10
Total capacity in gallons (actual)	3,000,000	500,000	6,000,000	11
				12
WATER TREATMENT PLANT				13
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	14
				15
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	16
				17
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	18
				19
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	20
				21
Is a corrosion control chemical used (yes, no)?	N	N	N	22
				23
Is water fluoridated (yes, no)?	Y	Y	Y	24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	L.A.SMITH	LA SMITH	LAKEVIEW	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	S	ET	ET	4
				5
Year constructed	1964	1976	1971	6
				7
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	STEEL	8
				9
Elevation difference in feet (See Headnote 3.)	307	382	288	10
Total capacity in gallons (actual)	4,200,000	100,000	55,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	NICHOLS	NORDNESS	SPRECHER TOWER	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	S	ET	4
				5
Year constructed	1975	1967	2001	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	STEEL	STEEL	8
				9
Elevation difference in feet (See Headnote 3.)	10	181	159	10
Total capacity in gallons (actual)	4,000,000	3,000,000	500,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 03	UNIT WELL 05	UNIT WELL 06	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	R	4
				5
Year constructed	1930	1979	1938	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
				9
Elevation difference in feet (See Headnote 3.)	8	58	34	10
Total capacity in gallons (actual)	40,000	250,000	155,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 07	UNIT WELL 08	UNIT WELL 10	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	R	4
				5
Year constructed	1941	1944	1953	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
				9
Elevation difference in feet (See Headnote 3.)	46	23	152	10
Total capacity in gallons (actual)	135,000	140,000	100,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 11	UNIT WELL 12	UNIT WELL 13	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	R	4
				5
Year constructed	1958	1958	1960	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
				9
Elevation difference in feet (See Headnote 3.)	22	154	18	10
Total capacity in gallons (actual)	150,000	150,000	150,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 14	UNIT WELL 15	UNIT WELL 16	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	R	4
				5
Year constructed	1962	1967	1968	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
				9
Elevation difference in feet (See Headnote 3.)	33	46	20	10
Total capacity in gallons (actual)	150,000	150,000	279,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 17	UNIT WELL 18	UNIT WELL 19	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	R	4
				5
Year constructed	1968	1971	1974	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
				9
Elevation difference in feet (See Headnote 3.)	8	9	36	10
Total capacity in gallons (actual)	375,000	477,000	3,000,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 23	UNIT WELL 25	UNIT WELL 26	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	ET	4
				5
Year constructed	1962	1983	1988	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	STEEL	8
				9
Elevation difference in feet (See Headnote 3.)	80	92	458	10
Total capacity in gallons (actual)	100,000	325,000	250,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	UNIT WELL 261	UNIT WELL 27	UNIT WELL 28	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	R	R	4
				5
Year constructed	1988	1992	2002	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	CONCRETE	CONCRETE	8
				9
Elevation difference in feet (See Headnote 3.)	337	12	15	10
Total capacity in gallons (actual)	4,000,000	315,000	340,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID	LIQUID	13
				14
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE	WELLHOUSE	15
				16
Filters, type (gravity, pressure, other, none)	NONE	NONE	NONE	17
				18
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	68.6880	68.6880	68.6880	19
				20
Is a corrosion control chemical used (yes, no)?	N	N	N	21
				22
Is water fluoridated (yes, no)?	Y	Y	Y	23
				24
				25

WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If the assessments are deferred, explain.

Number of Feet								
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	D	0.750	578	0	9	0	569	1
M	D	1.000	4,314	0	126	0	4,188	2
M	D	1.500	1,080	0	119	0	961	3
M	D	2.000	6,161	120	0	0	6,281	4
M	D	3.000	2,342	0	12	0	2,330	5
M	D	4.000	222,248	60	2,522	0	219,786	6
P	D	4.000	163	0	0	0	163	7
M	D	6.000	1,649,155	1,424	10,917	0	1,639,662	8
P	D	6.000	1,120	0	0	0	1,120	9
M	D	8.000	892,558	77,086	1,348	0	968,296	10
P	D	8.000	13,633	0	0	0	13,633	11
M	D	10.000	544,183	4,285	0	0	548,468	12
P	D	10.000	17,687	0	0	0	17,687	13
M	D	12.000	341,498	29,976	829	0	370,645	14
P	D	12.000	18,016	0	0	0	18,016	15
M	D	14.000	2,129	0	0	0	2,129	16
M	D	16.000	154,739	8,291	170	0	162,860	17
M	D	20.000	43,890	0	0	0	43,890	18
M	D	24.000	2,154	0	0	0	2,154	19
Total Within Municipality			3,917,648	121,242	16,052	0	4,022,838	
M	D	6.000	35,087	0	512	0	34,575	20
M	D	8.000	16,813	1,186	0	0	17,999	21
M	D	10.000	9,188	0	0	0	9,188	22
M	D	12.000	8,557	0	0	0	8,557	23
M	D	16.000	7,620	0	0	0	7,620	24
M	D	20.000	31	0	0	0	31	25
Total Outside of Municipality			77,296	1,186	512	0	77,970	
Total Utility			3,994,944	122,428	16,564	0	4,100,808	

WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
 - d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
L	0.625	3,119	0	651	0	2,468		1
L	0.750	289	0	23	0	266		2
M	0.750	30,364	0	27	0	30,337		3
M	1.000	15,931	1,690	10	0	17,611		4
L	1.000	72	0	8	0	64		5
M	1.250	15	0	0	0	15		6
M	1.500	1,843	85	1	0	1,927		7
M	2.000	1,481	19	1	0	1,499		8
M	3.000	182	0	0	0	182		9
P	4.000	12	0	0	0	12		10
M	4.000	721	29	4	0	746		11
M	6.000	956	71	0	0	1,027		12
P	6.000	8	0	0	0	8		13
M	8.000	469	43	0	0	512		14
P	8.000	2	0	0	0	2		15
M	10.000	38	0	0	0	38		16
P	10.000	1	0	0	0	1		17
M	12.000	13	0	0	0	13		18
Total Utility		55,516	1,937	725	0	56,728	0	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).
5. Explain all reported adjustments as a schedule footnote.

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	53,124	2,788	1,327	0	54,585	2,654	1
0.750	2,178	199	183	0	2,194	91	2
1.000	1,988	216	156	0	2,048	166	3
1.500	982	99	65	0	1,016	302	4
2.000	824	39	1	0	862	259	5
3.000	129	0	1	0	128	108	6
4.000	99	2	0	0	101	93	7
6.000	34	2	0	0	36	34	8
8.000	5	0	0	0	5	4	9
10.000	3	0	0	0	3	3	10
12.000	0	0	0	0	0	0	11
Total:	59,366	3,345	1,733	0	60,978	3,714	

Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	50,725	3,216	5	68	0	571	54,585	1
0.750	487	1,630	14	55	0	8	2,194	2
1.000	38	1,810	12	122	0	66	2,048	3
1.500	0	925	6	47	0	38	1,016	4
2.000	0	674	8	91	0	89	862	5
3.000	0	66	4	32	0	26	128	6
4.000	0	46	9	40	3	3	101	7
6.000	0	7	7	9	7	6	36	8
8.000	0	0	0	3	1	1	5	9
10.000	0	0	0	3	0	0	3	10
12.000	0	0	0	0	0	0	0	11
Total:	51,250	8,374	65	470	11	808	60,978	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
 - a. Fire hydrants normally have a lead size of 6 inches or greater.
 - b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	140	3	2		141	1
Within Municipality	6,892	288	33		7,147	2
Total Fire Hydrants	7,032	291	35	0	7,288	
Flushing Hydrants						
	114		2		112	3
Total Flushing Hydrants	114	0	2	0	112	

NR811.08(5) recommends that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Please provide the number operated during the year

Number of hydrants operated during year: 3,073

Number of distribution system valves end of year: 17,049

Number of distribution valves operated during year: 3,535

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

Account 612 - Maintenance of Reservoirs: In 2001 we contracted to have Unit Wells 24 & 26 video inspected and bottom cleaning of the reservoirs. In 2002 we did not do any video inspection or bottom cleaning.

Account 614 - Maintenance of Wells: The decrease is due to the fact that three wells were rehabilitated in 2001, and none in 2002.

Account 630 - Maintenance Supervision: The decrease is a result of a re-allocation of payroll charges.

Account 631 - Maintenance of Buildings: The decrease is due to less work on buildings. In 2001 we did exterior repairs to both the building and roof at Unit Well 7. In 2002 there was normal maintenance of our buildings.

Account 662 - Operation of Hydrants: The increase is due to the introduction of RP valves for use on hydrants. We began the conversion in 2002. In 2001 we were still using angle valves on all of our hydrants.

Account 663 - Meter Expense: The decrease is due to capitalizing more of the meter-set charges than in previous years.

Account 665 - Maps & Records Expense: The increase is due to additional staffing, beginning the use of a GPS system and some re-allocation of payroll charges.

Account 672 - Maintenance of Distribution Reservoirs: The increase is due to the cost of painting the Spaanem Tank.

Account 673 - Maintenance of Mains: The increase is due to an increase in the number of main leaks. In 2002 there were 219, in 2001 there were only 182.

Account 675 - Maintenance of Services: The increase is due in part to a large number of main replacement jobs that were completed in 2002. Many of the services were rehooked and not replaced.

Account 925 - Injuries & Damages: The increase is due to higher Workers Compensation costs than in 2001. These costs are still significantly lower than 2000.

Property Tax Equivalent (Water) (Page W-07)

When printing the report on an HP Laserjet 5p - Lines 22, 24 & 26 have the leading digit dropped. Line 22 should read \$120,501,235, Line 24 should read \$121,094,780 and Line 26 should read \$118,070,034. When we print the same schedule page to our new Xerox 8200 printer the leading digit is not dropped off.

WATER OPERATING SECTION FOOTNOTES

Water Utility Plant in Service (Page W-08)

Account 310 - Adjustment is the transfer of Blooming Grove Sanitary District #8 Source of Supply Land to non-utility property. This additional amount was overlooked in our transfer in 2001.

Account 312, 314, 321 - Additions: Unit Well 28 at 8210 Old Sauk Road, was put in to service.

Account 325 - Additions: Unit Well 28 was put in to service. The deepwell pumps at Unit Wells 5, 17 and 24 were pulled and reinstalled.

Account 396 - Additions: Purchased a crane and a John Deere Backhoe/Wheelloader.

Water Mains (Page W-17)

Some mains added were financed by property owners, some by developer contributions, and some by the Utility. Refer to Public Service Commission Rate Schedule No. X-1.

Water Services (Page W-18)

Some services added were financed by property owners, some by developer contributions, and some by the Utility. Refer to Public Service Commission Rate Schedule No. X-1.

Hydrants and Distribution System Valves (Page W-20)

In a letter dated November 25, 1997, the Madison Water Utility requested a waiver of the two year valve operation cycle. On January 28, 1998 we received a letter from the Public Service Commission of Wisconsin authorizing our request for an extension of the valve operation cycle from two to four years.
